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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:  
MACKEWITZ et al.

)  
) Applications

Serial No. 10/806,249

Filed: March 23, 2004

For: HYDROFORMYLATION

INFORMATION DISCLOSURE STATEMENT

Honorable Commissioner of  
Patents and Trademarks  
Washington, D.C. 20231

Sir:

This subject information disclosure statement is submitted in connection with applicants' continuing duty of disclosure under 37 CFR 1.56.

Listing of Relevant Documents

The relevant documents are listed in the attached Form PTO-1449.

REMARKS

The listed documents can be found in the specification on page 2.

The German unpublished patent application DE 103 55 066.6 describes a process for preparing chiral compounds in the presence of a catalyst which comprises at least one transition metal complex having ligands which have functional groups capable of forming intermolecular, noncovalent bonds.

Entry is respectfully solicited.

Respectfully submitted,

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Form PTO-1449



# INFORMATION DISCLOSURE CITATION IN AN APPLICATION

(Use several sheets if necessary)

Document Number

Sheet 1 of   

Application Number

10/806,249

Applicant Mackewitz et al.

Filing Date

Group Art Unit

3/23/04

| U.S. PATENT DOCUMENTS   |  |                 |               |       |               |                |
|---|--|-----------------|---------------|-------|---------------|----------------|
| Exam.<br>Init.  | Document<br>Number                                       | Date            | Name          | Class | Sub-<br>Class | Filing<br>Date |
|   | 4,786,443  | 11/22/88        | Drent et al.  |       |               |                |
|   | 4,940,787  | 7/10/90         | Drent         |       |               |                |
|   | 4,687,874  | 8/18/87         | Oswald et al. |       |               |                |
|   |  |                 |               |       |               |                |
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|   |  |                 |               |       |               |                |
| FOREIGN PATENT DOCUMENTS  |  |                 |               |       |               |                |
|   | Document<br>Number                                       | Date            | Country       | Class | Sub-<br>Class | Filing<br>Date |
|   | 80/01690   | 8/80            | PCT           |       |               |                |
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|   |  |                 |               |       |               |                |
|   |  |                 |               |       |               |                |
| OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)  |  |                 |               |       |               |                |
|   | Catalysis, Ed. 79, pages 199-248, Elsevier, Moulijin Ed. |                 |               |       |               |                |
| ✓   | J. Org. Chem. 2000, 65, pages 6917-6921, Akazome et al.  |                 |               |       |               |                |
| ✓   | J. Org. Chem. 1978, 43, pages 947-949, Newkome et al.    |                 |               |       |               |                |
| ✓   | J. Am. Chem. Soc. 2003, 125, 6608-6609, Breit et al.     |                 |               |       |               |                |
|   | Unpublished Germany application 103 550 66.6             |                 |               |       |               |                |
| EXAMINER  |  | DATE CONSIDERED |               |       |               |                |
| EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant. |  |                 |               |       |               |                |